

Atty. Docket No.: 30275-6

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)		
Bo JOHNSON)		
)	Group Art Unit:	1762
Serial No.: 10/080,749)		
)	Examiner:	Michener, Jennifer K.
Filed: 22 February 2002)		
)	Confirmation No.	8409
For: COMPOSITION AND)		
METHOD FOR)		
COATING MEDICAL)		
DEVICES)		

San Diego, California
April 22, 2004

Mail Stop: PATENT APPLICATIONS
Commissioner for Patents
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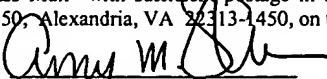
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In accordance with 37 C.F.R. § 1.56, Applicants make the below-listed documents of record in the above-identified application. In accordance with 37 C.F.R. §1.97, this statement is not to be construed as a representation that a search has been made, and is not a representation that the information cited is effective as prior art to the application or is material to patentability.

CERTIFICATE OF MAILING

I hereby certify that this correspondence and anything being referred to as enclosed herein is being deposited with the United States Postal Service via First Class Mail with sufficient postage in an envelope addressed to Mail Stop: PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 23rd day of April, 2004.

Signature:


Amy M. Sheridan

U.S. Patent Documents

1. U.S. Patent No. 6,328,762 B1 to Anderson et al., issued on 11 December 2001.
2. U.S. Patent No. 6,309,660 B1 to Hsu et al., issued on 30 October 2001.
3. U.S. Patent No. 6,303,179 to Koulik et al., issued on 16 October 2001.
4. U.S. Patent No. 6,248,127 to Shah et al., issued on 19 June 2001.
5. U.S. Patent No. 6,224,626 B1 to Tom Steinke, issued on 1 May 2001.
6. U.S. Patent No. 6,197,051 B1 to Sheng-Ping Zhong, issued on 6 March 2001.
7. U.S. Patent No. 6,179,817 B1 to Sheng-Ping Zhong, issued on 30 January 2001.
8. U.S. Patent No. 6,120,847 to Yang et al., issued on 19 September 2000.
9. U.S. Patent No. 6,106,889 to Beavers et al., issued on 22 August 2000.
10. U.S. Patent No. 6,033,719 to James R. Keogh, issued on 7 March 2000.
11. U.S. Patent No. 6,017,741 to James R. Keogh, issued on 25 June 2000.
12. U.S. Patent No. 5,885,647 to Larm et al., issued on 23 February 1999.
13. U.S. Patent No. 5,866,113 to Hendriks et al., issued on 2 February 1999.
14. U.S. Patent No. 5,821,343 to James R. Keogh, issued on 13 October 1998.
15. U.S. Patent No. 5,767,108 to Cahalan et al., issued on 16 June 1998.
16. U.S. Patent No. 5,529,986 to Larsson et al., issued on 25 June 1996.
17. U.S. Patent No. 4,613,665 to Olle Larm, issued on 23 September 1986.

Foreign Patent Documents

1. European Patent Office Application No. EP 0 357 242 A1 (New England Deaconess Hospital Corporation), published 7 March 1990.

Other Documents

1. "Advancements in Blood-Compatible Coatings" SurModics publication, (Eden Prairie, Minnesota) 2001.
2. Lisa W. Duran, "Preventing Medical Device Related Infections" Medical Device Technology, July/August 2000.
3. "Surface Modification Improves Performance of Microcatheter" Medical Product Manufacturing News, June 1997 (Reprinted 2001, Cannon Communications, LLC).
4. "Photolink - Advanced Surface Modification Technology", SurModics publication, 2000.
5. "Photolink - Wettability", SurModics publication, 2000.
6. "Photolink - Hemocompatibility", SurModics publication, 2000.
7. "Photolink - Lubricity", SurModics publication, 2000.
8. "Photolink - Advanced Guidewire Lubricity", SurModics publication, 2000.
9. "Photolink - Infection Resistance", SurModics publication, 2000.
10. Hoffman et al., "A new method for covalent coupling of heparin and other glycosaminoglycans to substances containing primary amino groups", Carbohydrate Research, 117:328-331 (1983).
11. Larsson, "Biocompatible Surfaces Prepared by Immobilized Heparin or Hyaluronate", Acta Otolaryngol (Stockholm), 442:44-49 (1987).
12. Hoekstra, "Hyaluronan-Modified Surfaces for Medical Devices", Medical Device & Diagnostic Industry Magazine (MD&DI Article Index) February 1999.
13. Edmunds Jr., "Heparin Bonded Surfaces - Value or Humbug?" (Abstract) University of Pennsylvania School of Medicine, published by CREF 2001 - 21st Annual San Diego Cardiothoracic Surgery Symposium, March 16, 2001, pp. 36-39.

14. Riesenfeld et al., "Surface Modification with Functionally Active Heparin", Medical Device Technology, March, 1995 (1998 Reprint Publication No. 0070B).
15. Medtronic/Carmedia, "BioActive Surface", Compendium of Scientific Information, (1991).
16. Carmedia, "CBAS Compendium" (May 2, 2000).
17. Tevæarai et al., "Trillium coating of cardiopulmonary bypass circuits improves biocompatibility", (1999).
18. Palanzo et al., "Effect of Trillium Biopassive Surface coating of the oxygenator on platelet count drop during cardiopulmonary bypass", Perfusion, 14:473-479 (1999).
19. Website, dideco.it/cardiop/coating/phisio.htm, printed November 2, 2001.
20. "Cardiopulmonary Products Bioline Coating", jostra.de/index.php, printed June 2, 2002.
21. "Pathophysiology & Techniques of Cardiopulmonary Bypass", CREF 2002 - 22nd Annual San Diego Cardiothoracic Surgery Symposium, February 21-23, 2002, pp. 50-55.
22. Course Syllabus for CREF 2002 - 22nd Annual San Diego Cardiothoracic Surgery Symposium, February 21-23, 2002, Addendum.

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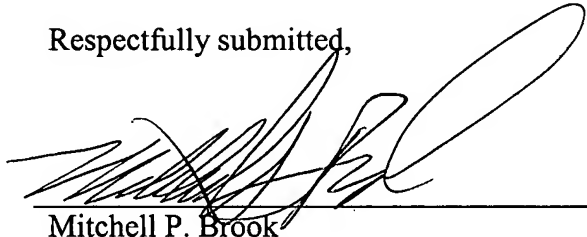
Copies of the above-listed documents, which are listed on the accompanying Form PTO/SB/08A (submitted in duplicate), are enclosed.

It is respectfully requested that these documents be (1) fully considered by the U.S. Patent and Trademark Office in the examination of the above-identified application; and (2) printed on any patent which may issue on this application. It is also respectfully requested that a

copy of Form PTO/SB/08, as considered and initialed by the Examiner, be returned to the undersigned with the next communication in accordance with M.P.E.P. § 609.

It is believed that no fee is required in connection with this submission. In the event that a fee is required, please charge our Deposit Account No. 50-2298, in the name of Luce, Forward, Hamilton & Scripps LLP.

Respectfully submitted,

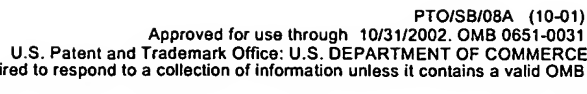
A handwritten signature in black ink, appearing to read 'Mitchell P. Brook', is written over a horizontal line.

Mitchell P. Brook

Attorney for Applicant(s)

Reg. No. 32,967

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Application Number	10/080,749
Filing Date	22 February 2002
First Named Inventor	Bo JOHNSON
Art Unit	1762
Examiner Name	MICHENER, Jennifer Kolb
Attorney Docket Number	30275-6

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
		Application Number	10/080,749
		Filing Date	22 February 2002
		First Named Inventor	Bo JOHNSON
		Group Art Unit	1762
		Examiner Name	MICHENER, Jennifer Kolb
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Sheet	2	of	1

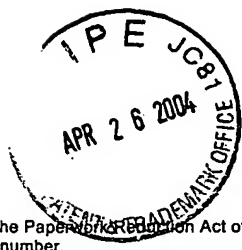
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T²
		"Advancements in Blood-Compatible Coatings" SurModics publication, (Eden Prairie, Minnesota) 2001.	
		Lisa W. Duran, "Preventing Medical Device Related Infections" Medical Device Technology, July/August 2000.	
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		Hoffman et al., "A new method for covalent coupling of heparin and other glycosaminoglycans to substances containing primary amino groups", Carbohydrate Research, 117:328-331 (1983).	
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Examiner Signature		Date Considered	
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Sheet	Sheet No. 3	of	1

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T²
		Hoekstra, "Hyaluronan-Modified Surfaces for Medical Devices", Medical Device & Diagnostic Industry Magazine (MD&DI Article Index) February 1999.	
		Edmunds Jr., "Heparin Bonded Surfaces - Value or Humbug?" (Abstract) University of Pennsylvania School of Medicine, published by CREF 2001 - 21st Annual San Diego Cardiothoracic Surgery Symposium, March 16, 2001, pp. 36-39.	
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